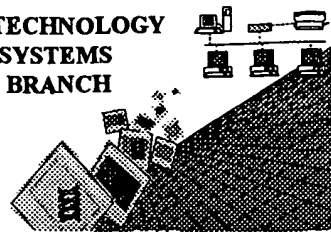


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/806,276
Source: Per/09 Rush
Date Processed by STIC: 8/26/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 01/29/2002



Per/09

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,276

DATE: 08/26/2002

TIME: 14:14:39

Input Set : A:\pf0609usn_seqlist.txt

Output Set: N:\CRF3\08262002\I806276.raw

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
 5 TANG, Y. Tom
 6 CORLEY, Neil C.
 7 GUEGLER, Karl J.
 8 LU, Aina Dyung M.
 10 <120> TITLE OF INVENTION: BONE MARROW-DERIVED SERUM PROTEINS
 12 <130> FILE REFERENCE: PF-0609 PCT
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/806,276
 C--> 15 <141> CURRENT FILING DATE: 2002-08-26
 17 <150> PRIOR APPLICATION NUMBER: 09/165,621 unassigned
 W--> 18 <151> PRIOR FILING DATE: 1998-10-02, 1999-10-02
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 31 <223> OTHER INFORMATION: Incyte ID No: 135698CD1
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 37 20 25 30
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 39 35 40 45
 40 Ser Gln Ser Val Ser Ser Tyr Leu Ala Trp Tyr Gln Gln Lys Pro
 41 50 55 60
 42 Gly Gln Ala Pro Arg Leu Leu Ile Tyr Asp Ala Ser Asn Arg Ala
 43 65 70 75
 44 Thr Gly Ile Pro Pro Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp
 45 80 85 90
 46 Phe Thr Leu Thr Ile Ser Arg Leu Glu Pro Glu Asp Val Ala Leu
 47 95 100 105
 48 Tyr Tyr Cys Gln Gln Tyr Phe Thr Thr Pro Tyr Thr Phe Gly Gln
 49 110 115 120
 50 Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala Ala Pro Ser Val
 51 125 130 135
 52 Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly Thr Ala
 53 140 145 150
 54 Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu Ala Lys
 55 155 160 165

Does Not Comply
 Corrected Diskette Needed

pp 1,4

place prior application
 number directly above
 its filing date

RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/806,276

TIME: 14:14:39

Input Set : A:\pf0609usn_seqlist.txt

Output Set: N:\CRF3\08262002\I806276.raw

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60 Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys
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83          35          40          45
84 Lys Glu Gly Gln His Asp Val Phe Gly Asp Ile Ser Phe Leu Gln
85          50          55          60
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89          80          85          90
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91          95          100          105
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93          110          115          120
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95          125          130          135
96 Gly Pro Ala Lys Leu Pro Arg Leu Ser Cys Glu Pro Val Met Glu
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98 Glu Lys Ala Gln Glu Lys Ser Ser Leu Leu Glu Asn Gly Thr Val
99          155          160          165
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101          170          175          180
102 Ser Ser Gln Gly Arg Asp Ser His Ser Ser Ser Leu Ser Glu Gln
103          185          190          195
104 Tyr Pro Asp Trp Pro Ala Glu Asp Met Phe Asp His Pro Thr Pro
105          200          205          210
106 Cys Glu Leu Ile Lys Gly Lys Thr Lys Ser Glu Glu Ser Leu Ser
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,276

DATE: 08/26/2002

TIME: 14:14:39

Input Set : A:\pf0609usn_seqlist.txt

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122 <223> OTHER INFORMATION: Incyte ID No: 135698CB1
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127 tgttgacaca gtctccagcc accctgtctt tgtctccagg ggaaagagcc accctctcct 180
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132 ggctggagat caaacgaact gtggctgcac catctgtctt catcttcccg ccatctgatg 480
133 agcagttgaa atctggaact gcctctgttg tgtgcctgct gaataacttc tatcccagag 540
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135 tcacagagca ggacagcaag gacagcacct acagcctcag cagcacctg acgtgagca 660
136 aagcagacta cgagaaacac aaagtctacg cctgcgaagt caccatcag ggctgagct 720
137 cgcccgtcac aaagagcttc aacaggggag agtggttagag ggagaagtgc cccacctg 780
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153 <220> FEATURE:
154 <221> NAME/KEY: misc_feature
155 <223> OTHER INFORMATION: Incyte ID No: 1859631CB1
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162 cgtaacctca ggaaggttct ctttgacccc atctcatttc gaagccactt ctgaagccac 300
163 ttgagaaaaa tgatgtgaca gttcctatca aaaaggattc agaaacatat accatctgtg 360
164 aagaaagtgg cctttctcc cgcttgcaaa atagacattc tcaaattcca aaatgccagc 420
165 caagacccca atttacctga aagcagccaa taacaagaaa ggaaagaaat ttaactgag 480
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RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/806,276

TIME: 14:14:39

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169 gttcttccgg gccaacagca cctcggactc tgtgttcaca gaaacgccct ccccggtgct 720
170 caaaaatgcc atctccctcc cgaccattgg aggatcccaa gctctcatgt tgcccttatt 780
171 gtcaccagtg acattttaatt ccaaacagga gtccttcggg ccagcaaagc tgcccaggct 840
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185 taggtcacc atagcgaatt ctccagtgtt aaaacttttc tgttttcaca tttgaacttt 1680
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193 acagtacata cttgcattac ataggtactt caagcaacac aataaaaagt aaatgataaa 2160
194 gtgaacttgc ttgtttatag taataaacia gaccataaga gaataagtat agctagagaa 2220
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196 ttttgattac ttcccttatg tttgagaggg tagaaactga gcctctctac ttttgaaaaa 2340
197 atgaacatgt gaggtcagat tttttttttt ttttttaagt cagcactgat gccaccctct 2400
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203 <210> SEQ ID NO: 5

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217 Arg Arg Leu Thr Ala Asp Met Ile Ser His Pro Leu Gly Asp Phe
218 35 40 45
219 Arg His Thr Met His Val Gly Arg Gly Gly Asp Val Phe Gly Asp
220 50 55 60

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(mandatory)
 (309) insert this and
 its response
 when (308) has a
 response

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,276

DATE: 08/26/2002

TIME: 14:14:39

Input Set : A:\pf0609usn_seqlist.txt

Output Set: N:\CRF3\08262002\I806276.raw

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224				80						85					90
225	Arg	Val	Gly	Ala	Pro	Pro	Arg	Arg	Met	Ala	Ser	Pro	Pro	Ala	Pro
226				95						100					105
227	Ser	Pro	Ala	Pro	Pro	Ala	Ile	Ser	Pro	Ile	Ile	Lys	Asn	Ala	Ile
228				110						115					120
229	Ser	Leu	Pro	Gln	Leu	Asn	Gln	Ala	Ala	Tyr	Asp	Ser	Leu	Val	Val
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231	Gly	Lys	Leu	Ser	Phe	Asp	Ser	Ser	Pro	Thr	Ser	Ser	Thr	Asp	Gly
232				140						145					150
233	His	Ser	Ser	Tyr	Gly	Leu	Asp	Ser	Gly	Phe	Cys	Thr	Ile	Ser	Arg
234				155						160					165
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237	Phe	Pro	Ser	Glu	Pro	Gly	Leu	Arg	Arg	Ser	Asp	Ser	Leu	Leu	Ser
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249	Ala	Asn	Pro	Pro	Ala	Pro	Ala	Ala	Ser	Ser	Thr	Pro	His	Gly	His
250				275						280					285
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253	Lys	Ser	Ser	Pro	Val	Gly	Gly	Gly	Pro	Arg	Gly	Pro	Ala	Gly	Pro
254				305						310					315
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256				320						325					330
257	Tyr	Pro	Glu	Met	Asp	Ala	Arg	Gln	Glu	Arg	Val	Glu	Val	Leu	Pro
258				335						340					345
259	Gln	Ala	Arg	Ala	Ser	Trp	Glu	Ser	Leu	Asp	Glu	Glu	Trp	Arg	Ala
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262				365						370					375
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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/806,276

DATE: 08/26/2002
TIME: 14:14:40

Input Set : A:\pf0609usn_seqlist.txt
Output Set: N:\CRF3\08262002\I806276.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 2533

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/806,276

DATE: 08/26/2002

TIME: 14:14:40

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Output Set: N:\CRF3\08262002\I806276.raw

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L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:18 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:2520
L:212 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:5